1 Claims

2   1. A VoIP (Voice over IP) gateway apparatus connecting

3 an accommodated device with an IP network, comprising:

4   management means for managing the current number of

5 simultaneous call connections using each of at least one

6 telephone number assigned to said VoIP gateway apparatus

7 itself; and

8   call control means for selecting, in cases in which

9 a call is received from said accommodated device, among said

10 at least one telephone number, a telephone number for which

11 the current number of simultaneous call connections as

12 managed by said management means is less than a predetermined

13 simultaneous connection allowance number, and for

14 transmitting, to said IP network, a call control message

15 to which the selected telephone number has been given as

16 a calling number.

1   2. A VoIP gateway apparatus as set forth in claim 1,

2   wherein said call control means transmits, in cases

3 in which the call control message from said IP network is

4 received, the call to said accommodated device in cases in

5 which the current number of simultaneous call connections,

6 as managed by said management means for a telephone number

7 set as a called number in said call control message, is less

8 than the predetermined simultaneous connection allowance

9 number.

1   3. A VoIP gateway apparatus as set forth in claim 1

2   or 2,

3   wherein said management means also manages the current

4   number of simultaneous call-out connections that is the

5   current number of simultaneous call connections issued from

6   said accommodated device, using each of at least one telephone

7   number assigned to said VoIP gateway apparatus, and

8   wherein said call control means selects, in cases in

9   which a call is received from said accommodated device, among

10   said at least one telephone number, a telephone number, for

11   which the current number of simultaneous call connections

12   as managed by said management means is less than the

13   predetermined simultaneous connection allowance number, and

14   for which the current number simultaneous call connections

15   is lower than the predetermined call-out simultaneous

16   connection allowance number, and transmits, to said IP

17   network, the call control message to which the selected

18   telephone number has been given as the calling number.

1   4. A call-in and call-out control method in a VoIP (Voice

2   over IP) gateway apparatus connecting an accommodated device

3   with an IP network, comprising:

4   the step of managing the current number of simultaneous

5   call connections using each of at least one telephone number

6   assigned to said VoIP gateway apparatus itself; and

7   the step of selecting, in cases in which a call is

8   received from said accommodated device, among said at least

9   one telephone number, a telephone number, for which the

10 current number of the managed simultaneous call connections

11 is less than a predetermined simultaneous connection

12 allowance number, and transmitting, to said IP network, a

13 call control message to which the selected telephone number

14 has been given as a calling number.

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